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WINE, &c.	Specific gravity after Distillation	Proportion of Alcohol per cent by Measure.
Ditto.....	0,97430	23,39
Ditto.....	0,97400	23,71
Ditto.....	0,97346	24,29
Ditto.....	0,97200	25,83
Madeira.....	0,97810	19,34
Ditto.....	0,97616	21,40
Ditto.....	0,97380	23,93
Ditto.....	0,97733	24,42
Sherry.....	0,97913	18,25
Ditto.....	0,97862	18,79
Ditto.....	0,97765	19,81
Ditto.....	0,97700	19,83
Claret.....	0,98440	12,91
Ditto.....	0,98320	14,08
Ditto.....	0,98092	16,52
Calcavella.....	0,97920	18,10
Lisbon.....	0,97846	18,94
Malaga.....	0,98000	17,26
Bucellas.....	0,97890	18,49
Red Madeira.....	0,97899	18,40
Malmsey Madeira.....	0,98090	16,40
Marsala.....	0,97196	25,87
Ditto.....	0,98009	17,26
Red Champagne.....	0,98608	11,30
White Champagne.....	0,98450	12,60
Burgundy.....	0,98300	14,53
Ditto.....	0,98540	11,95
White Hermitage.....	0,97990	17,43
Red Hermitage.....	0,98495	12,32
Hock.....	0,98290	14,37
Ditto.....	0,98873	8,88
Vin de Grave.....	0,98450	12,80
Frontignac.....	0,98452	12,79
Cote Roti.....	0,98495	12,32
Rousillon.....	0,98005	17,26
Cape Madeira.....	0,97924	18,11
Cape Muschat.....	0,97913	18,25
Constantia.....	0,97770	19,75
Tept.....	0,98399	13,90
Sherraz.....	0,98176	15,52
Syracuse.....	0,98200	15,28
Mic.....	0,98263	14,63
Tokay.....	0,98760	9,88
Raisin Wine.....	0,97805	25,77
Grape Wine.....	0,97925	18,11
Currant Wine.....	0,97696	20,55
Gooseberry Wine.....	0,98550	11,84
Elder Wine.....	0,98760	9,87
Cyder.....	0,98760	9,87
Perry.....	0,98760	9,87
Brown Stout.....	0,99116	6,80
Ale.....	0,98873	8,88
Brandy.....	0,93544	53,39
Rum.....	0,93494	53,68
Hollands.....	0,93855	51,60

*An account of a vegetable Wax from Brazil; by William Thomas Brande, F.R.S. From the Philosophical Transactions of the Royal society of London.*

THE vegetable wax described in this paper was given to the president by Lord Grenville, with a wish on the part of his Lordship that its properties should be investigated, in the hope that it might prove an useful substitute for bees wax, and constitute, in due time, a new article of commerce between the Brazils and this country.

It was transmitted to Lord Grenville from Rio de Janeiro, by the comte de Galveas, as a new article lately brought to that city from the northernmost parts of the Brazilian dominions, the capiteneas of Rio Grande and Seara, between the latitudes of three and seven degrees north: it is said to be the production of a tree of slow growth, called by the native *Carnauba*, which also produces a gum used as food for men, and another substance employed for fattening poultry.

When the comte wrote to Lord Grenville in July last, orders had been sent to the governors of the districts where it grows, requiring them to report more particularly on the nature and qualities of this interesting tree: we may therefore hope that information will soon be obtained, whether the article can be procured in abundance, and at a reasonable price; in which case it will become a valuable addition to the comforts of mankind, by reducing the price and improving the quality of candles, flambeaux, &c.

The article, in the state in which it was sent, resembles much that described by Humboldt as the produce of the *Ceroxylon Andicola*; but it is not likely to be the same, as Humboldt's wax is collected from a stately palm-tree, which grows on the

high mountains from 900 to 1450 toises above the level of the sea, and on the edge of the regions of perpetual snow. On the other hand, the Brazilian plant is described as a slow-growing tree, but not as large one, and there are no high mountains delineated in the most accurate and recent maps of the capiteneas where it is found. But a more decisive argument against their identity is the analysis of Vauquelin, published by

Humboldt, which shows that the produce of the Ceroxylon consists of two-thirds resin and only one-third wax; but the Brazilian article is entirely wax, and affords not the smallest trace of resin. The Brazilian plant, however, was entirely unknown to Humboldt; for it appears from his book, that M. Correa had informed him that a palm, called *Carnauba* by the natives of Brazil, produced wax from its leaves.

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